

# Analytical Data Sheet

Lot number

## 1001175

not for drug use

<b>Catalog Number</b>	I-1000.0250
<b>Product number</b>	4000973.0250
<b>Product</b>	Ac- Ala- Ala- Pro- Ala- AMC
<b>Molecular formula</b>	C <sub>26</sub> H <sub>33</sub> N <sub>5</sub> O <sub>7</sub>
<b>Relative molecular mass</b>	527.58

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (5 % in MeOH/CHCl <sub>3</sub> 1/1)
<b>Identification (TLC)</b>	complies with authentic material
<b>Specific optical rotation</b>	[α] <sub>D</sub> <sup>24</sup> = - 210.6 ° (1 % in MeOH)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 chloroform/methanol/benzene/H <sub>2</sub> O 8/8/8/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, chlorine-tolidine
<b>Water content (KF volumetric)</b>	0.4%
Latest update: October 25, 2008	

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